

# EAST Search History - DRL - 10/16/2006

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 33   | ("2740184" "2920987" "3395042" "3523319" "3536528" "3670203" "3781105" "3879785" "3943049" "3959690" "4133894" "4405342" "4454621" "4677704" "4727614" "4835808" "4941224" "4955991" "5100440" "5110324" "5138971" "5180404" "5211760" "5257079" "5421901" "5585426" "6143064" "6287368").PN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | ON      | 2006/10/16 10:39 |
| S2    | 1    | ("6680086").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/03/01 14:59 |
| S3    | 66   | nissinen-vilho.IN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/01 15:08 |
| S4    | 1    | ("6571581").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/03/01 15:02 |
| S5    | 1    | ("6311410").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/03/01 15:18 |
| S6    | 8    | ((("6238784") or ("5637432") or ("5432000") or ("5244542") or ("5093309") or ("4834910") or ("3166432")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/03/03 10:12 |
| S7    | 1    | ("3861863").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR               | OFF     | 2006/03/01 15:48 |
| S8    | 4138 | (162/158,162,181.2,181.4,183,184).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/01 16:03 |
| S9    | 422  | (106/464).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/01 16:04 |
| S10   | 1331 | (118/621,623,630,638).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2006/03/01 16:05 |

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|-----|-------|---|---|----|-----|------------------|
| S11 | 5446  | (427/460,474,496,508,513,538,562,190,180,361,366).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/03/01 16:06 |
| S12 | 11162 | S8 or S9 or S10 or S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/01 16:06 |
| S13 | 0     | EP-0791685-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/03/02 07:28 |
| S14 | 1     | ("6130185").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/03/02 07:29 |
| S15 | 0     | EP-0524415-\$.did.  | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 07:35 |
| S16 | 0     | "EP-0524415"  | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 07:35 |
| S17 | 2     | EP-524415-\$.did.   | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 07:37 |
| S18 | 2     | EP-791685-\$.did.   | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 07:37 |
| S19 | 2     | WO-9623728-\$.did.  | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 09:33 |
| S20 | 0     | FI-973775-\$.did.   | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 08:47 |
| S21 | 2     | WO-9811999-\$.did.  | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/03 10:08 |
| S22 | 1     | 1998-217088.NRAN.   | DERWENT   | OR | ON  | 2006/03/02 09:34 |
| S23 | 26453 | coating and (electrostatic or (ion adj blast\$3) or corona) and (particle or particulate or powder) and (particle adj size) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 10:58 |
| S24 | 8     | coating and (ion adj blast\$3) and (particle or particulate or powder) and (particle adj size)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 10:52 |
| S25 | 0     | FI-991438-\$.did.   | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 10:53 |
| S26 | 0     | FI-991742-\$.did.   | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 10:55 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S27 | 1    | ("4296142").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/03/02 10:55 |
| S28 | 6485 | coating and (corona adj discharge)<br>and (particle or particulate or<br>powder) and (particle adj size) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:10 |
| S29 | 6    | S28 and ion adj blast\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:10 |
| S30 | 0    | S28 and ionic adj blast\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:10 |
| S31 | 5592 | S28 and (paper or web or<br>cellulos\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:11 |
| S32 | 5116 | S31 and (calcium adh (oxide or<br>hydroxide or carbonate))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:12 |
| S33 | 2180 | S31 and (calcium adj (oxide or<br>hydroxide or carbonate))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:12 |
| S34 | 2063 | S31 and (calcium adj carbonate)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:13 |
| S35 | 156  | S33 and "precipitated calcium<br>carbonate"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 12:13 |
| S36 | 336  | S31 and (electromagnetic adj<br>radiation)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:57 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S37 | 74   | S33 and S36  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 11:29 |
| S38 | 490  | S28 and brush\$3 and friction  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 12:00 |
| S39 | 5    | S35 and S38  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 12:01 |
| S40 | 1417 | coating and "precipitated calcium carbonate" and "particle size" and (paper or cellulos\$2 or web or sheet or paperboard)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 12:14 |
| S41 | 371  | coating with "precipitated calcium carbonate" and "particle size" and (paper or cellulos\$2 or web or sheet or paperboard) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 12:18 |
| S42 | 32   | S41 and "calcium hydroxide" and "calcium oxide"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/02 12:15 |
| S43 | 1    | ("5138971").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/03/02 14:20 |
| S44 | 1    | ("4133894").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/03/02 14:20 |
| S45 | 2    | WO-9518885-\$.did.   | EPO;<br>DERWENT                                       | OR | ON  | 2006/03/02 14:22 |
| S46 | 5451 | paper and (pigment same (particle adj size)) and (filler or coat\$3)   | USPAT   | OR | ON  | 2006/03/02 14:23 |
| S47 | 269  | S46 and precipitated adj calcium adj carbonate   | USPAT   | OR | ON  | 2006/03/02 15:44 |
| S48 | 5451 | paper and (pigment same (particle adj size)) and (filler or coat\$3)   | USPAT   | OR | ON  | 2006/03/02 15:46 |
| S49 | 269  | S48 and precipitated adj calcium adj carbonate   | USPAT   | OR | ON  | 2006/03/02 15:44 |
| S50 | 83   | S49 and (papermaking or (making adj paper)) and method   | USPAT   | OR | ON  | 2006/03/02 15:44 |

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|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S51 | 56   | paper and (pigment same (particle near2 diameter)) and (filler or coat\$3) and "precipitated calcium carbonate" and (papermaking or (making near paper)) and (method or process) | USPAT   | OR | ON  | 2006/03/02 15:47 |
| S52 | 1    | ("5637432").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/03/03 12:05 |
| S53 | 6    | deinking and (calcium adj carbonate) and ((gas adj phase) near2 react\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/03/03 12:13 |
| S54 | 41   | sludge and (calcium adj carbonate) and ((gas adj phase) near2 react\$3)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/03/03 12:24 |
| S55 | 40   | ((calcium adj (oxide or hydroxide)) with (paper or web or sheet)) and (precipitated with carbon adj dioxide)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/03 12:26 |
| S56 | 6485 | coating and (corona adj discharge) and (particle or particulate or powder) and (particle adj size)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/03 13:04 |
| S57 | 490  | S56 and brush\$3 and friction  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/03/03 13:04 |
| S58 | 1    | ("20040074620").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/10/11 12:21 |
| S59 | 400  | (corona adj discharge) and (surface adj charge) and (alter or modify)  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2006/10/16 10:40 |
| S60 | 400  | (corona adj discharge) and (surface adj charge) and (alter or modify)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:40 |
| S61 | 220  | (corona adj discharge) with (surface adj charge)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:40 |
| S62 | 1    | ("6680086").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | OFF | 2006/10/16 10:42 |

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|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S63 | 1   | S62 and (cellulos\$2 adj (web or fiber))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:41 |
| S64 | 6   | S61 and (cellulos\$2 adj (web or fiber))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:41 |
| S65 | 48  | (electrolytic) with (surface adj charge)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:42 |
| S66 | 20  | (alum) with (surface adj charge)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:42 |
| S67 | 18  | ((("6680086") or ("6558456") or ("6589388") or ("6461671") or ("6511581") or ("6251477") or ("6106902") or ("6063449") or ("5674551") or ("6123770")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/16 10:42 |
| S68 | 229 | ((ion adj blast) or (corona adj discharge)) with (particle or pigment or coating) with (web or fibrous)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:43 |
| S69 | 17  | ((ion adj blast) or (corona adj discharge)) with (particle or pigment or coating) with (fibrous)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:43 |
| S70 | 69  | ((ion adj blast) or (corona adj discharge)) with (particle or pigment) with (web or mat or fibrous)) and coating  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:43 |
| S71 | 151 | ((calcium adj carbonate) with coat\$3 with paper) and electrostatic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:43 |
| S72 | 27  | ((calcium adj carbonate) with coat\$3 with paper) and (surface adj charge)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:44 |

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|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S73 | 513 | ((calcium adj carbonate) with surface with coat\$3) and (web or fibrous)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:44 |
| S74 | 277 | S73 and (liner or writing or printing)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:45 |
| S75 | 387 | S73 and (surface near2 coat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:45 |
| S76 | 8   | ((("5637432") or ("5432000") or ("6238784") or ("5093309")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/10/16 10:46 |
| S77 | 37  | ((paper or web or mat) with (fine adj particle) with (calcium adj carbonate) with coat\$3) and (print\$3 or graphic) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2006/10/16 10:46 |